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ATTY. DOCKET NO.

9301-210-999

APPLICATION NO.

10/540,405, national
stage of
PCT/US03/41613

APPLICANT

Schadt et al.

FILING DATE

December 24, 2003

GROUP

To be assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR
	A04	6,368,806	04/09/2002	Openshaw et al.	
	A02	6,324,479	11/27/2001	Friend et al.	
	A03	6,271,002	08/07/2001	Linsley et al.	
	A04	6,218,122	04/17/2001	Friend et al.	
	A05	6,165,709	12/26/2000	Friend et al.	
	A06	6,132,969	10/17/2000	Shannon	
	A09	6,132,969	10/17/2000	Stoughton et al.	
	A06	5,965,352	10/17/2000	Stoughton et al.	
	A09	5,569,588	10/29/1996	Ashby et al.	
	A10	5,578,832	11/26/1996	Trulson et al.	
	A11	5,510,270	04/23/1996	Fodor et al.	
	A12	5,324,631	06/28/1994	Helentjaris et al.	
	A13	5,075,217	12/24/1991	Weber	
	A11	US 2003 0224394 A1	12/04/2003	Schadt et al.	
	A15	US 2003 0180761 A1	09/25/2003	Castonguay et al.	
	A16	10/558,928	11/30/2005	Schadt et al.	
	A17	10/540,143	2/12/2004	Schadt et al.	
	A18	10/515,804	5/28/2004	Schadt et al.	
	A19	US 2006 0122816 A1	6/08/2006	Schadt et al.	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	B01	PCT/US05/15419	05/02/2005	International Search Report				
	B02	PCT/US04/16917	05/28/2004	International Search Report				
	B03	PCT/US03/03100	02/03/2003	International Search Report				
	B04	PCT/US03/023976	08/01/2003	International Search Report				
	B05	WO 2004013727	02/12/2004	PCT				
	B06	WO 2003100557	12/04/2003	PCT				
	B07	PCT/US03/41613	12/24/2003	International Search Report				
	B08	WO 2003065282	08/07/2003	PCT				
	B09	PCT/US03/15768	05/20/2003	International Search Report				
	B10	WO 199913107	03/18/1999	PCT				
	B11	WO 2005 017652	02/24/2005	PCT				

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	APPLICANT	
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
B12	WO 2004 061616	07/22/2004	PCT			
B13	WO 2004 109447	12/16/2004	PCT			
B14	WO 2005 107412	11/17/2005				

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

C01	Aitman et al., 1999, "Identification of Cd36 (Fat) as an insulin-resistance gene causing defective fatty acid and glucose metabolism in hypertensive rats," <i>Nature Genetics</i> 21: 76-83.
C02	Akagi et al., 1996, "Microsatellite DNA markers for rice chromosomes," <i>Theor. Appl. Genet.</i> 93:1071-1077
C04	Allison et al., 1998, "Multiple phenotype modeling in gene-mapping studies of quantitative traits: power advantages," <i>Am. J. Hum. Genet.</i> 63:1190-1201
C04	Amos et al., 1990, "A multivariate method for detecting genetic linkage, with application to a pedigree with an adverse lipoprotein phenotype," <i>Am. J. Hum. Genet.</i> 47:247-254
C05	Barbosa et al., 1976, "The genetic heterogeneity of diabetes: histocompatibility antigens (HLA) in families with maturity-onset type diabetes of the young (MODY) and juvenile, insulin-dependent diabetes (JID) [proceedings]," <i>Diabetic. Metab.</i> 2:160
C06	Blanchard et al., 1996, "Sequence to array: Probing the genome's secrets," <i>Nature Biotechnology</i> 14:1649
C07	Blanchard et al., 1996, "High-density oligonucleotide arrays," <i>Biosensors & Bioelectronics</i> 11: 687-690
C08	Bligh et al., 1995, "A microsatellite sequence closely linked to the Waxy gene of <i>Oryza sativa</i> ," <i>Euphytica</i> 86:83-85
C09	Bochner et al., 2001, "Phenotype microarrays for high-throughput phenotypic testing and assay of gene function," <i>Genome Res.</i> 11:1246-1255
C10	Börjeson, 1976, "The aetiology of obesity in children," <i>Acta. Paediatr. Scand.</i> 65:279-287
C11	Bray, 1989, "1989 McCollum Award Lecture. Genetic and hypothalamic mechanisms for obesity-finding the needle in the haystack," <i>Am. J. Clin. Nutr.</i> 50:891-902
C12	Bray, 1992, "Genetic, hypothalamic and endocrine features of clinical and experimental obesity," <i>Progress in Brain Research</i> 93:333-341
C13	Brem et al., 2002, "Genetic Dissection of Transcriptional Regulation in Budding Yeast," <i>Science</i> 296:752-755
C14	Brown et al., 2000, "Knowledge-based analysis of microarray gene expression data by using support vector machines," <i>Proc. Natl. Acad. Sci. USA</i> 97:262-267
C15	Cheung et al., 2002, "The genetics of variation in gene expression," <i>Nature Genetics Supplement</i> 32: 522-525
C16	Cheung et al., 2003, "Natural variation in human gene expression assessed in lymphoblastoid cells," <i>Nature Genetics</i> 33: 422-425
C17	Chirgwin et al., 1979, "Isolation of biologically active ribonucleic acid from sources enriched in ribonuclease," <i>Biochemistry</i> 18:5294-5299
C18	Cohen et al., 2000, "A computational analysis of whole-genome expression data reveals chromosomal domains of gene expression," <i>Nature Genetics</i> 26:183-186
C19	Corder et al., 1993, "Gene dose of apolipoprotein E type 4 allele and the risk of Alzheimer's disease in late onset families," <i>Science</i> 261:921-923
C20	Cox et al., 1999, "Loci on chromosomes 2 (NIDDM1) and 15 interact to increase susceptibility to diabetes in Mexican Americans," <i>Nature Genetics</i> 21:213-215
C21	DeRisi et al., 1996, "Use of a cDNA microarray to analyse gene expression patterns in human cancer," <i>Nature Genetics</i> 14:457-460
C22	Doerge, 2002, "Mapping and analysis of quantitative trait loci in experimental populations," <i>Nature Reviews</i> 3:43-52
C23	Draghici, 2003, "Data Analysis Tools for DNA Microarrays," Chapman & Hall, p. 1-478
C24	Duda et al., 2001, <i>Pattern Classification</i> , John Wiley & Sons, New York, NY, p. 521-530

LIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)

		ATTY. DOCKET NO.	APPLICATION NO.
		9301-210-999	10/540,405, national stage filing of PCT/US03/41613
		APPLICANT	
		Schadt et al.	
		FILING DATE	GROUP
		December 24, 2003	To be assigned
C25	Duda et al., 2001, Pattern Classification, John Wiley & Sons, New York, NY, p. 550-557		
C26	Easton et al., 1993, "Inherited susceptibility to breast cancer," Cancer Surv. 18:95-113		
C27	Eaves et al., 2002, "Combining Mouse Congenic Strains and Microarray Gene Expression Analyses to Study a Complex Trait: The NOD Model of Type 1 Diabetes," Genome Research 12: 232-243.		
C28	Egholm et al., 1993, "PNA hybridizes to complementary oligonucleotides obeying the Watson-Crick hydrogen-bonding rules," Nature 365:566-568		
C29	Elowitz et al., 2002, "Stochastic Gene Expression in a Single Cell," Science 297:1183-1186		
C30	Falk et al., 1987, "Haplotype relative risks: an easy reliable way to construct a proper control sample for risk calculations," Ann. Hum. Genet. 51 (Pt 3):227-233		
C31	Ferguson et al., 1996, "A fiber-optic DNA biosensor microarray for the analysis of gene expression," Nature Biotechnology 14:1681-1684		
C32	Fiehn et al., 2000, "Metabolite profiling for plant functional genomics," Nature Biotech. 18:1157-1161.		
C33	Fishel et al., 1993, "The human mutator gene homolog MSH2 and its association with hereditary nonpolyposis colon cancer," Cell 75:1027-1038		
C34	Fodor et al., 1991, "Light-directed, spatially addressable parallel chemical synthesis," Science 251:767-773		
C35	Ford et al., 1994, "Risks of cancer in BRCA1-mutation carriers. Breast Cancer Linkage Consortium," Lancet 343:692-695		
C36	Friedman et al., 1991, "Molecular mapping of obesity genes," Mammalian Genome 1:130-144		
C37	Friedman et al., 1992, "Tackling a weighty problem," Cell 69:217-220		
C38	Froehler et al., 1986, "Synthesis of DNA via deoxynucleoside H-phosphonate intermediates," Nucleic Acids Research 14:5399-5407		
C38	Fulker et al., 1999, "Combined Linkage and Association Sib-Pair Analysis for Quantitative Traits," Am. J. Hum. Genet. 64:259-267		
C39	Fullerton et al., 2000, "Apolipoprotein E variation at the sequence haplotype level: implications for the origin and maintenance of a major human polymorphism," Am. J. Hum. Genet. 67:881-900		
C43	Gaasterland et al., 2000, "Making the most of microarray data," Nature Genetics 24:204-206		
C43	Goffeau et al., 1996, "Life with 6000 genes," Science 274:546-567		
C43	Grunau et al., 2001, "MethDB-a public database for DNA methylation data," Nucleic Acids Research, 29: 270-274		
C43	Grundy et al., 1990, "Metabolic and health complications of obesity," Dis. Mon. 36:641-731		
C46	Haley et al., 1992, "A simple regression method for mapping quantitative trait loci in line crosses using flanking markers," The Genetical Society of Great Britain 69:315-324		
C46	Hayashi et al., 1994, "Detection of additive and dominance effects of QTLs in interval mapping of F2 RFLP data," Theor. Appl. Genet. 87:1021-1027		
C47	Helentjaris et al., 1985, "Restriction fragment polymorphisms as probes for plant diversity and their development as tools for applied plant breeding," Plant Molecular Biology 5:109-118		
C46	Helm et al., 1991, "Classification and identification of bacteria by Fourier-transform infrared spectroscopy," Journal of General Microbiology 137: 69-79		
C43	Hu et al., 1991, "Identification of broccoli and cauliflower cultivars with RPD markers," Plant Cell Reports 10:505-511		
C50	Hughes et al., 2000, "Functional Discovery via a Compendium of Expression Profiles," Cell 102:109-126		
C51	International Human Genome Consortium, 2001, "Initial sequencing and analysis of the human genome," Nature 409:860-921		
C52	James et al., 1998, "Non-alcoholic steatohepatitis (NASH): a disease of emerging identity and importance," Journal of Hepatology 29: 495-501		
C54	Jansen, 1993, "Interval mapping of multiple quantitative trait loci," Genetics 135:205-211		
C54	Jansen, 1994, "Controlling the type I and type II errors in mapping quantitative trait loci," Genetics 138:871-881		
C55	Jansen et al., 2001, "Genetical genomics: the added value from segregation," TRENDS in Genetics 17:388-391		
C56	Jarvis et al., 1973, "Clustering using a similarity measure based on shared near neighbors," IEEE Transactions on computers C-22:1025-1034		
C57	Jaspers et al., 1982, "Genetic heterogeneity in ataxia-telangiectasia studied by cell fusion," Proc. Natl. Acad. 79: 2641-2644		

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(Use several sheets if necessary)

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			APPLICANT	
			Schadt et al.	
			FILING DATE	GROUP
			December 24, 2003	To be assigned
C58	Jiang et al., 1995, "Multiple trait analysis of genetic mapping for quantitative trait loci," <i>Genetics</i> 140:1111-1127			
C59	Jin et al., 2001, "The contributions of sex, genotype and age to transcriptional variance in <i>Drosophila melanogaster</i> ," <i>Nature Genetics</i> 29: 389-395			
C60	Kajiwaru et al., 1994, "Digenic Retinitis Pigmentosa Due to Mutations at the Unlinked Peripherin/RDS and ROM1 Loci," <i>Science</i> 264: 1604-1608			
C61	Karp et al., 2000, "Identification of complement factor 5 as a susceptibility locus for experimental allergic asthma," <i>Nature Immunology</i> , Vol. 1, No. 3: 221-226.			
C62	Kearsey et al., 1994, "QTL analysis: a simple 'marker-regression' approach," <i>Theor. Appl. Genet.</i> 89:698-702			
C63	Knapp et al., 1993, "The haplotype-relative-risk (HRR) method for analysis of association in nuclear families," <i>Am. J. Hum. Genet.</i> 52:1085-1093			
C64	Knoll et al., 1993, "Cytogenetic and Molecular Studies in the Prader-Willi and Angelman Syndromes: An Overview," <i>Amer. Journal of Medical Genetics</i> 46: 2-6			
C65	Kruglyak et al., 1996, "Parametric and nonparametric linkage analysis: a unified multipoint approach," <i>Am. J. Hum. Genet.</i> 58:1347-1363			
C66	Kruglyak et al., 1998, "Faster multipoint linkage analysis using Fourier transforms," <i>J. Comput. Biol.</i> 5:1-7			
C67	Kruglyak et al., 2001, "Variation is the spice of life," <i>Nature Genetics</i> 27:234-236			
C68	Lan et al., 2006, "Combined Expression Trait correlations and Expression Quantitative Trait Locus Mapping," <i>PLoS Genetics</i> 2: 55-61			
C69	Lance et al., 1967, "A general theory of classificatory sorting strategies," <i>Computer Journal</i> 9:373-380			
C70	Lander et al., 1989, "Mapping Mendelian factors underlying quantitative traits using RFLP linkage maps," <i>Genetics</i> 121:185-199			
C73	Lander et al., 1994, "Genetic dissection of complex traits," <i>Science</i> 265:2037-2048			
C72	Lander, 1996, "The new genomics: Global views of biology," <i>Science</i> 274:536-539			
C73	Levsky et al., 2002, "Single-Cell gene expression profiling," <i>Science</i> 297:836-840			
C70	Lockhart et al., 1996, "Expression monitoring by hybridization to high-density oligonucleotide arrays," <i>Nature Biotechnology</i> 14:1675-1680			
C75	Lynch et al., 1998, "Genetics and Analysis of Quantitative Traits," Sinauer Associates, Inc.: Chapters 15 and 16 pp: 431-532			
C76	Machleder et al., 1997, "Complex Genetic Control of HDL Levels in Mice in Response to an Atherogenic Diet," <i>J. Clin. Invest.</i> 99:1406-1419			
C87	Manley et al., 1999, "Overview of QTL mapping software and introduction to Map Manager QT," <i>Mammalian Genome</i> 10:327-334			
C70	Martinez et al., 1994, "Missing markets when estimating quantitative trait loci using regression mapping," <i>The Genetical Society of Great Britain</i> 73:198-206			
C79	Maskos et al., 1992, "Oligonucleotide hybridizations on glass supports: a novel linker for oligonucleotide synthesis and hybridisation properties of oligonucleotides synthesised in situ," <i>Nucleic Acids Research</i> 20: 1679-1684			
C83	McBride et al., 1983, "An Investigation of Several Deoxynucleoside Phosphoramidites Useful for Synthesizing Deoxyoligonucleotides," <i>Tetrahedron Letters</i> 24: 245-248			
C81	Moll et al., 1991, "The Genetic and Environmental Sources of Body Mass Index Variability: The Muscatine Ponderosity Family Study," <i>Am. J. Hum. Genet.</i> 49: 1243-1255			
C82	Mount, 2001, "Genome Analysis," <i>Bioinformatics Sequence and Genome Analysis Chapter 10</i> , p. 479-531			
C83	Naumann et al., 1991, "Microbiological characterizations by FT-IR spectroscopy," <i>Nature</i> 351: 81-82			
C81	Nguyen et al., 1995, "Differential gene expression in the murine thymus assayed by quantitative hybridization of arrayed cDNA clones," <i>Genomics</i> 29:207-216			
C81	Nishina et al., 1994, "Atherosclerosis in genetically obese mice: the mutants obese, diabetes, fat, tubby, and lethal yellow," <i>Metabolism</i> 43:554-558			
C86	Olson et al., 1999, "Tutorial in biostatistics genetic mapping of complex traits," <i>Statistics in Medicine</i> 18:2961-2981			
C87	Patil et al., 2001, "Blocks of limited haplotype diversity revealed by high-resolution scanning of human chromosome 21," <i>Science</i> 294:1719-1723			
C88	Pericak-Vance et al., 1991, "Linkage Studies in Familial Alzheimer Disease: Evidence for Chromosome 19 Linkage," <i>Am. J. Hum. Genet.</i> 48: 1034-1050			

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

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PCT/US03/41613

9301-210-999

APPLICANT
Schadt et al.

FILING DATE

December 24, 2003

GROUP

To be assigned

C89	Prashar et al., 1996, "Analysis of differential gene expression by display of 3' end restriction fragments of cDNAs," Proc. Natl. Acad. Sci. USA 93:659-663
C90	Reeders et al., 1987, "A study of genetic linkage heterogeneity in adult polycystic kidney disease," Hum. Genet. 76:348-351
C91	Roberts et al., 2000, "Signaling and Circuitry of Multiple MAPK Pathways Revealed by a Matrix of Global Gene Expression Profiles," Science 287: 873-880
C92	Sagliocco et al., 1996, "Identification of Proteins of the Yeast Protein Map using Genetically Manipulated Strains and Peptide-Mass Fingerprinting," Yeast 12: 1519-1533
C93	Sandberg et al., 2000, "Regional and strain-specific gene expression mapping in the adult mouse brain," PNAS 97: 11038-11043
C94	Schadt et al., 2003, "Genetics of gene expression surveyed in maize, mouse and man," Nature 422:297-302
C95	Schadt et al., 2003, "A new paradigm for drug discovery: integrating clinical genetic, genomic and molecular phenotype data to identify drug targets," Biochemical Society 31:437-443
C96	Schena et al., 1996, "Parallel human genome analysis; microarray-based expression of 1000 genes," Proc. Natl. Acad. Sci. USA 93:10614-10619
C97	Schena et al., 1995, "Quantitative Monitoring of Gene Expression Patterns with a Complementary DNA Microarray," Science 270: 467-470
C99	Shalon et al., 1996, "A DNA microarray system for analyzing complex DNA samples using two-color fluorescent probe hybridization," Genome Research 6:639-645
C99	Spielman et al., 1989, "Genetic Analysis of IDDM: Summary of GAW5 IDDM Results," Genetic Analysis of complex Traits, Part I: 43-58
C100	Steinmetz et al., 2002, "Dissecting the architecture of a quantitative trait locus in yeast," Nature 416: 326-330
C104	St. George-Hyslop et al., 1990, "Genetic linkage studies suggest that Alzheimer's disease is not a single homogeneous disorder. FAD Collaborative Study Group," Nature 347:194-197
C102	Struss et al., 1998, "The use of microsatellite markers for detection of genetic diversity in barley populations," Theor. Appl. Genet. 97:308-315
C103	Stover, et al., 2001, "Characterization of Gene Expression Profiles In Peripheral Blood Mononuclear Cells and Bone Marrow of Normal Human Volunteers," FASEB Journal, 534.9: A696
C104	Stunkard et al., 1990, "The Body-Mass Index of Twins Who Have Been Reared Apart," New England Journal of Medicine 322: 1483-1487
C105	Tamayo et al., 1999, "Interpreting patterns of gene expression with self-organizing maps: Methods and application to hematopoietic differentiation," Proc. Natl. Acad. Sci. USA 96:2907-2912
C105	Terwilliger et al., 1992, "A haplotype-based 'haplotype relative risk' approach to detecting allelic associations," Hum. Hered. 42:337-346
C107	Twine et al., 2003, "Disease-associated Expression Profiles in Peripheral Blood Mononuclear Cells from Patients with Advanced Renal Cell Carcinoma," Cancer Research 63: 6069-6075
C108	Velculescu et al., 1995, "Serial Analysis of Gene Expression," Science 270: 484-487
C109	Venter et al., 2001, "The Sequence of the Human Genome," Science 291: 1304-1351
C110	Weisblum et al., 1972, "Genetic Heterogeneity of Xeroderma Pigmentosum demonstrated by Somatic Cell Hybridization," Nature New Biology 238: 80-83
C111	Welsh et al., 1990, "Fingerprinting genomes using PCR with arbitrary primers," Nucleic Acids Research 18: 7213-7218
C112	Williams et al., 1999, "Joint multipoint linkage analysis of multivariate qualitative and quantitative traits," Am. J. Hum. Genet. 6:1134-1147
C113	Wu et al., 1993, "Abundance, polymorphism and genetic mapping of microsatellites in rice," Mol. Gen. Genet. 241:225-235
C114	Younossi et al., 2002, "Perspectives in Clinical Hepatology: Nonalcoholic Fatty Liver Disease: An Agenda for Clinical Research," Hepatology: 746-752
C115	Zeng, 1993, "Theoretical basis for separation of multiple linked gene effects in mapping quantitative trait loci," Proc. Natl. Acad. Sci. USA 90:10972-10976
C116	Zeng, 1994, "Precision mapping of quantitative trait loci," Genetics 136:1457-1468

EXAMINER

/Eric Dejong/

DATE CONSIDERED

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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